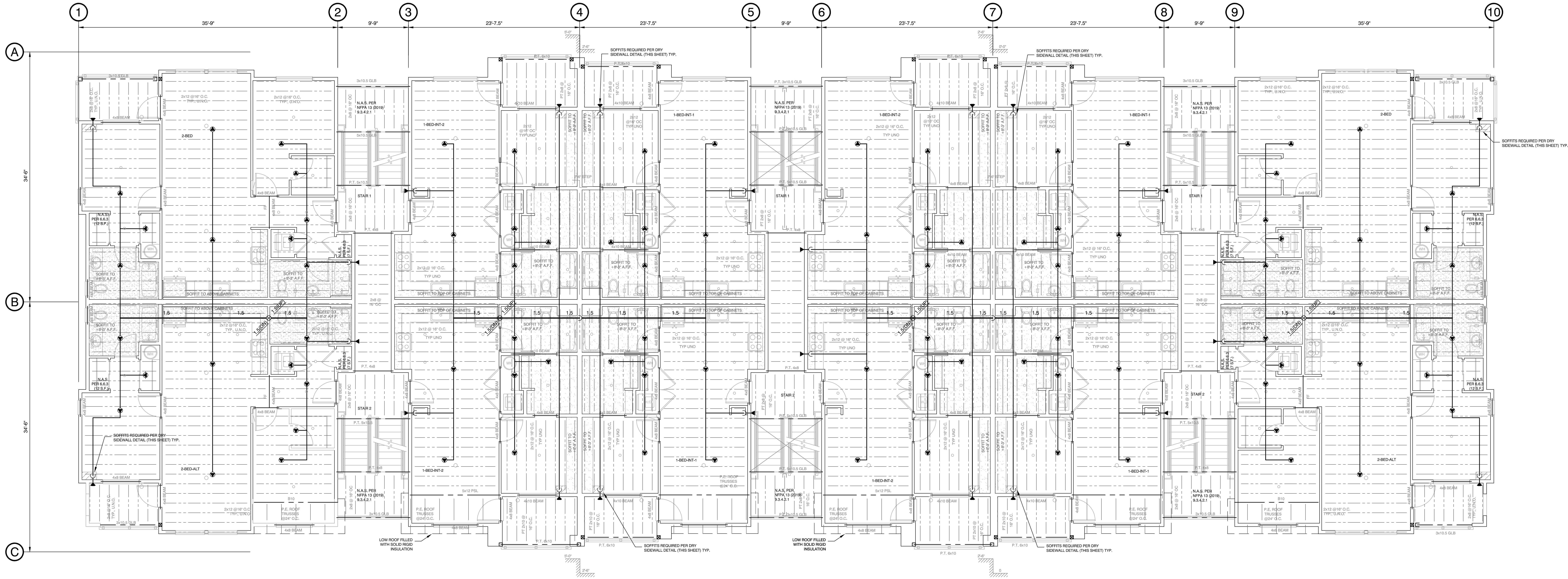


	SMITH FIRE SYSTEMS, INC.			
	1106 54th AVE EAST TACOMA, WA 98454			
	CONTR. REG. NO. SMITHFS1360T			
	Bus: (253) 926-1680		FAX: (253) 926-2350	



CEILING LEGEND

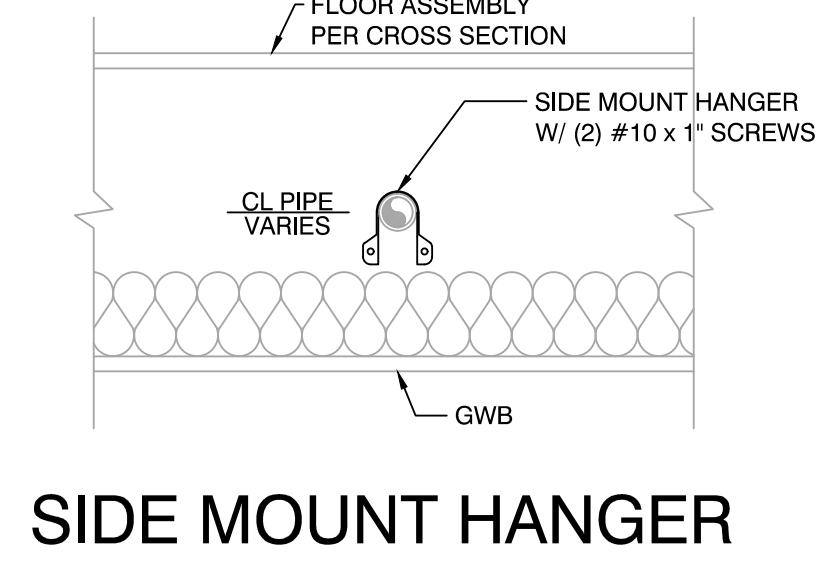
- GWB SOFFIT AT 9'-1\" AFF
- GWB SOFFIT AT 8'-3\" AFF
- DRY HSW SOFFIT PER DETAIL (PROVIDED BY OTHERS)

WALL LEGEND

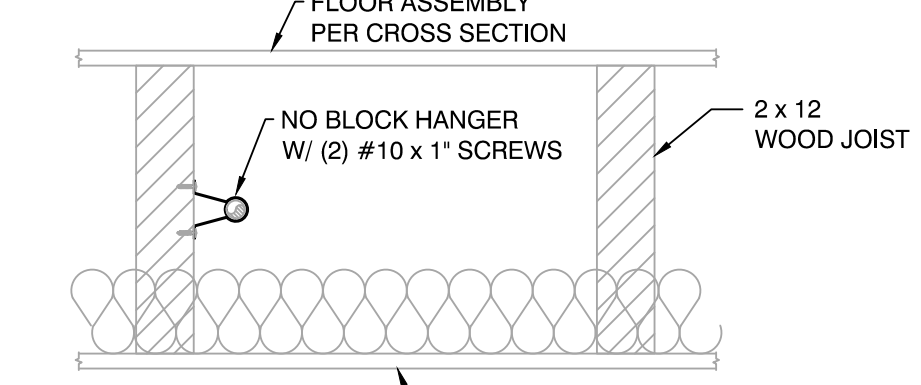
- FULL HEIGHT, 1-HR FIRE RATED WALL
- FULL HEIGHT WALL

CPVC NOTES

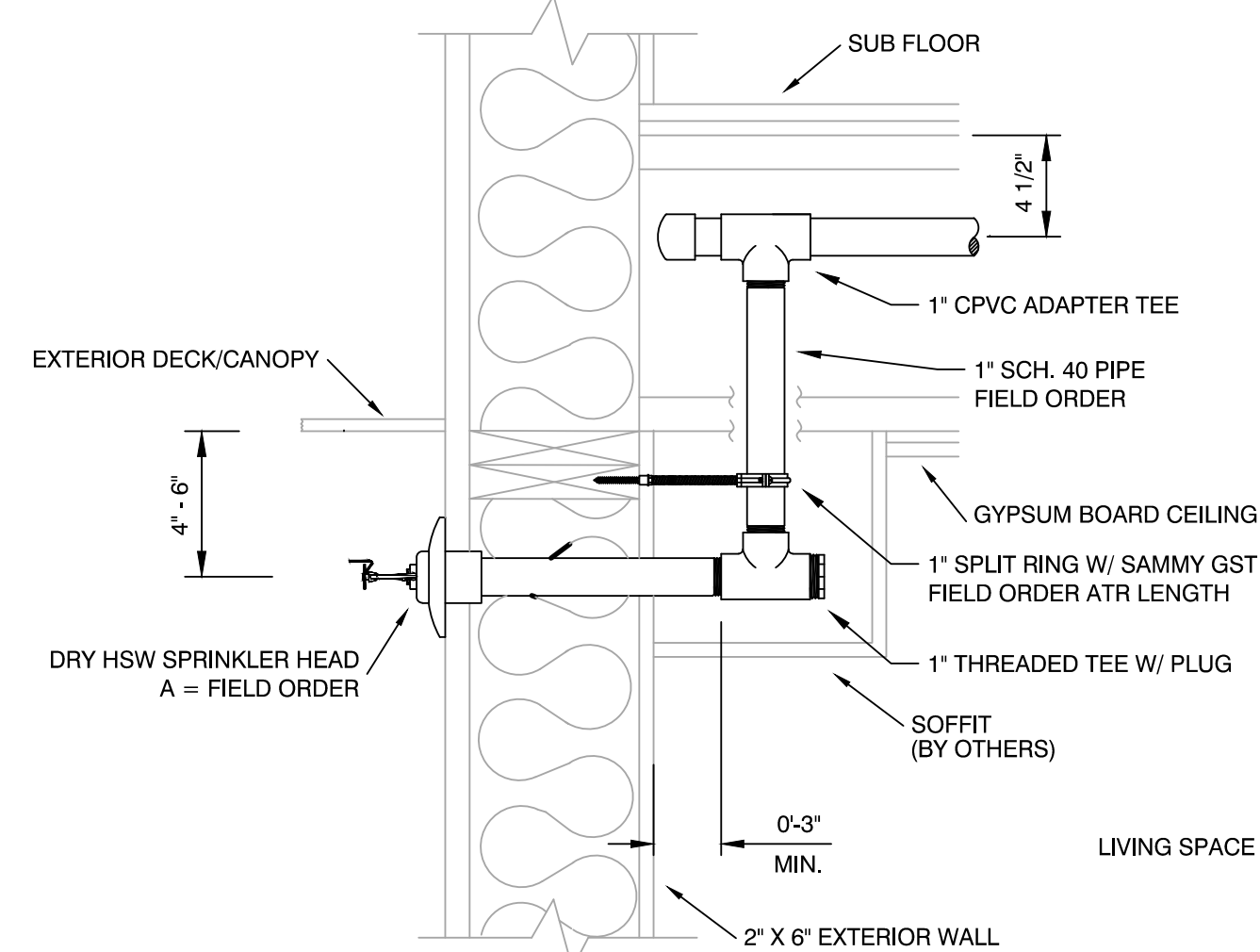
- CPVC PIPE IS NOTED AS: SIZE PER PLAN
- ALL CPVC ELEVATION TO BE 6 BOD, U.N.O.
- ALL CPVC TO BE BRACED PER DETAIL ON SHEET 4
- ALL CPVC BRANCHLINES AND DROPS TO BE 1\", U.N.O.
- ALL CPVC MAINS TO BE 1.5\", U.N.O.
- HANGER SPACING FOR CPVC PIPING IS PER MANUFACTURER'S LISTING AS FOLLOWS:
 - 1\" CPVC 6'-0\" O.C.
 - 1-1/4\" CPVC 6'-0\" O.C.
 - 1-1/2\" CPVC 7'-0\" O.C.
 - 2\" CPVC 8'-0\" O.C.
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED MORE THAN 8 FEET FROM A WALL IN ANY ONE DIRECTION OR 16 FEET BETWEEN SPRINKLERS IN COMPARTMENTS WITH (3) OR MORE HEADS.
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED MORE THAN 9 FEET FROM A WALL IN ANY ONE DIRECTION OR 18 FEET BETWEEN SPRINKLERS IN COMPARTMENTS WITH (2) HEADS.
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED MORE THAN 10 FEET FROM A WALL IN ANY ONE DIRECTION OR 20 FEET BETWEEN SPRINKLERS IN COMPARTMENTS WITH (1) OR LESS HEADS.
- RELIABLE F1RES49 RESIDENTIAL SPRINKLERS SHALL NOT BE SPACED LESS THAN 18\" FROM PROTRUDING LIGHT FIXTURES.



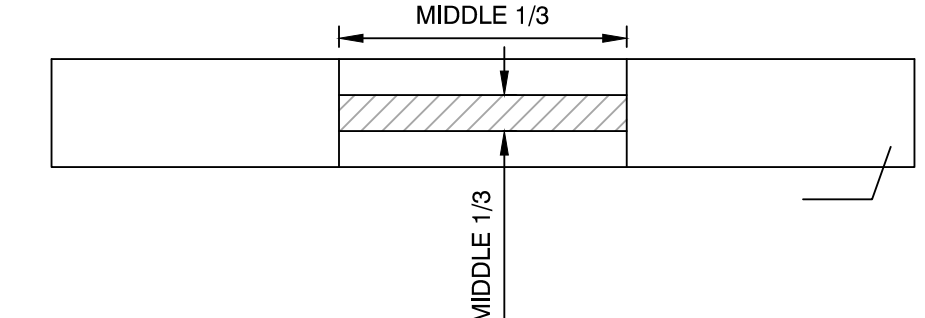
SIDE MOUNT HANGER



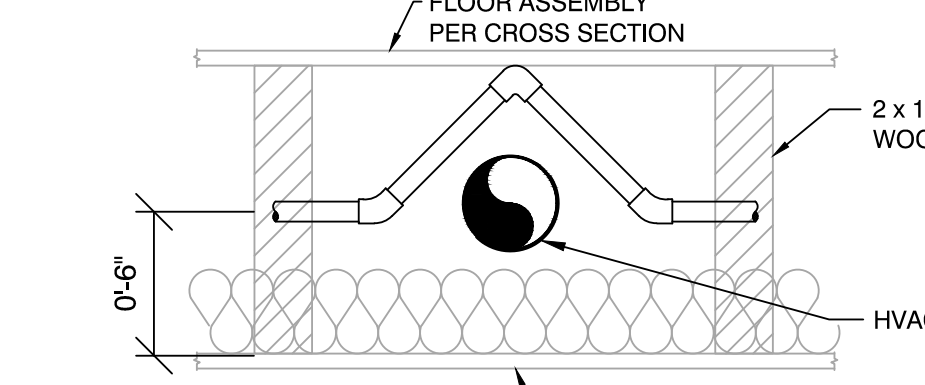
NO BLOCK HANGER



DRY SIDEWALL DETAIL



TYP. CPVC OFFSET



BEAM PENETRATION DETAIL

FITTER NOTES

- 2x12 WOOD JOISTS, 16\" O.C., TYP., U.N.O.

L2 SPRINKLER LEGEND									
SYMBOL	MANUFACTURER	SIN	TYPE	MODEL	HEAD FINISH	TRIM FINISH	ORIFICE	THREAD	TEMP
1	RELIABLE	RA1654	EC DSW	DH66	CHRM	CHRM	5.6K	1"	155°
2	RELIABLE	R5734	DRY HSW	F30R	CHRM	CHRM	5.6K	1"	155°
3	RELIABLE	R3516	SSP	F1RES49	WHITE	WHITE	4.9K	1/2"	155°
4	RELIABLE	R3516	SSP	F1RES49	WHITE	WHITE	4.9K	1/2"	175°
TOTAL									112

ABBREVIATIONS									
1	1	1	1	1	1	1	1	1	1

SYMBOL LEGEND									
1	1	1	1	1	1	1	1	1	1

REVISIONS									
NO	DATE	BY	REASON FOR REVISION						

CONTRACT WITH
RUSH COMMERCIAL CONSTRUCTION INC.
411 1ST AVE S
SUITE #650
SEATTLE, WA 98104
PROJECT MANAGER : EVAN COCHRAN
PHONE : ECOCHRAN@RUSHCOMPANIES.COM
FAX :
SUPERINTENDENT :
PHONE :
FAX :



CERTIFICATE OF COMPETENCY STAMP

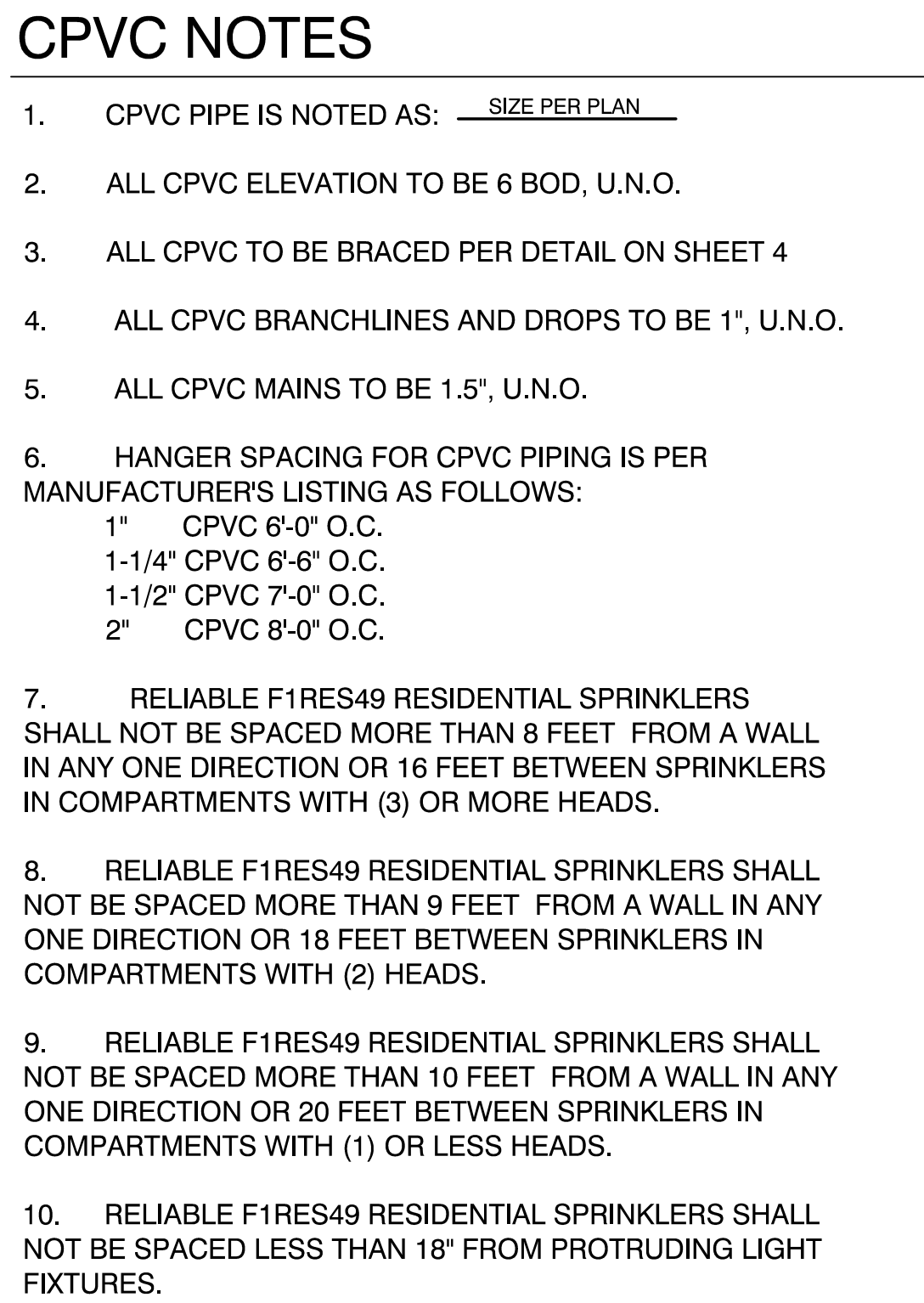
KEY PLAN

L2 FLOOR PLAN

SMITH FIRE SYSTEMS, INC.
1106 54th AVE EAST
TACOMA, WA 98424
CONTR. REG. NO. SMITHFS13607
Bus: (253) 926-1880 FAX: (253) 926-2350

BRADLEY HEIGHTS APARTMENTS BUILDING D
206 27TH AVE SE
PUYALLUP, WA 98374

DESIGNER	PROJECT MGR	DATE	SHEET	JOB NO.
A. RIDEOUT	N. GRASSI	12/04/25	4 OF 5	TC25207



	GWB SOFFIT AT 9'-1" AFF
	GWB SOFFIT AT 8'-3" AFF
	DRY HSW SOFFIT PER DETAIL (PROVIDED BY OTHERS)

 FULL HEIGHT, 2-HR FIRE RATED WALL

 FULL HEIGHT WALL

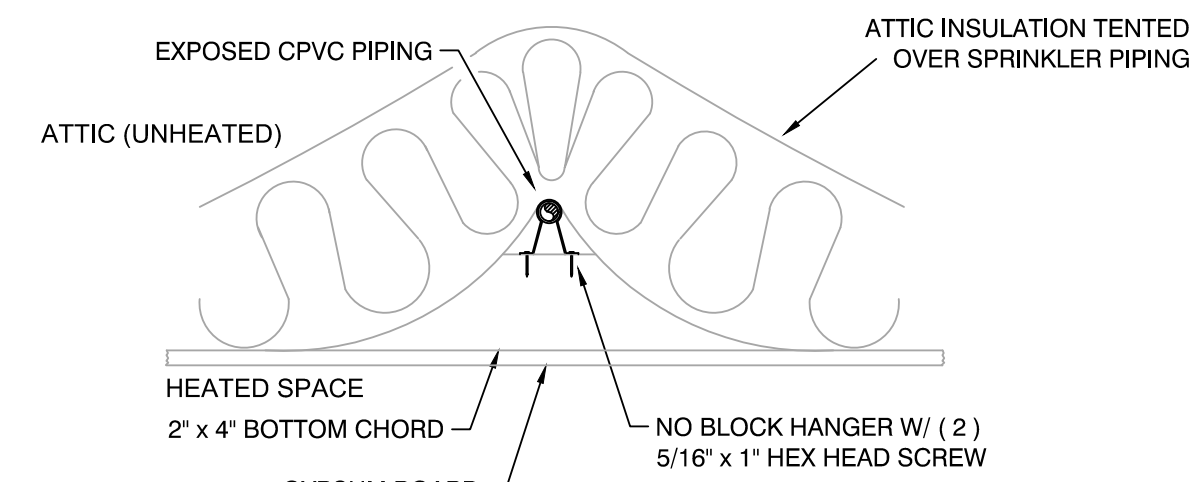


Diagram illustrating the installation of a double offset hanger for CPVC piping. The assembly includes:

- ATTIC INSULATION TENTED OVER SPRINKLER PIPING
- EXPOSED CPVC PIPING
- ATTIC (UNHEATED)
- BOTTOM CHORD OF WOOD TRUSS
- GYPSUM BOARD
- DOUBLE OFFSET HANGER W/ (2) 5/16" x 1" HEX HEAD SCREW
- HEATED SPACE

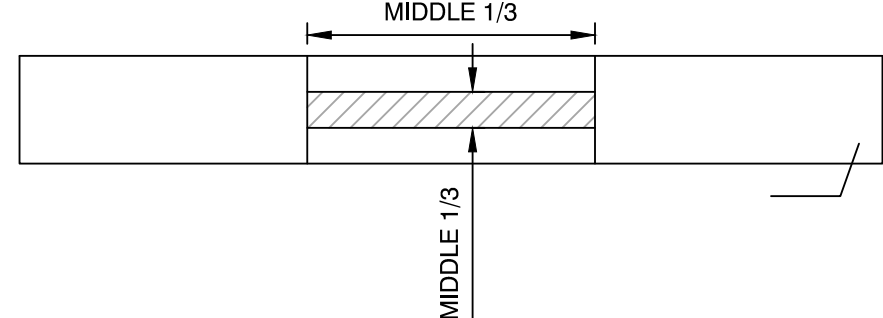


Diagram illustrating the installation of a fire alarm pull station (A) in a living space, showing the connection to the exterior deck/canopy and the sub floor.

Key components and dimensions shown:

- Sub Floor**: The floor above the living space.
- Exterior Deck/Canopy**: The structure outside the living space.
- 1" CPVC Adapter Tee**: Connects the pipe to the ceiling.
- 1" SCH. 40 PIPE**: The main vertical pipe.
- Gypsum Board Ceiling**: The ceiling structure.
- 1" SPLIT RING W/ SAMMY 1" GST FIELD ORDER ATR LENGTH**: The pull station assembly.
- 1" THREADED TEE W/ PLUG**: Connects the pipe to the ceiling.
- SOFFIT (BY OTHERS)**: The bottom of the exterior wall.
- 2" X 6" EXTERIOR WALL**: The wall structure.
- 0'-3" MIN.**: Minimum clearance from the exterior wall.
- 4'-6"**: Vertical distance from the sub floor to the ceiling.
- 4'-6"**: Vertical distance from the exterior deck/canopy to the ceiling.
- Dry HSW Sprinkler Head A = Field Order**: The sprinkler head on the exterior deck/canopy.
- LIVING SPACE**: The interior area.

SECTION A-4

34'-6"

34'-6"

ATTIC

12/12 ROOF PITCH
TRUSS CEILING
SHEATHED WITH 1/2" OSB

TOP OF PLATE 413'-3"

3RD LEVEL F.F. 404'-2"

LIVING

KITCHEN

KITCHEN

LIVING

SCALE 1/8" = 1'-0"

[illegible]

SECTION E-4

N.T.S.

SMITH FIRE SYSTEMS, INC.
1106 54th AVE EAST
TACOMA, WA 98424
CONTR. REG. NO. SMITHFS1360T
1980 FAX: (253) 926-2350

WILEY HEIGHTS APARTMENTS
BUILDING D
10101 AVE SE
TUMACACI, WA 98374

DESIGNER	PROJECT MGR	DATE	SHEET	JOB NO.
A. BIDELOT	N. CRASSI	10/04/05	5 OF 5	TC05207

L3 SPRINKLER LEGEND										
SYMBOL	MANUFACTURER	SIN	TYPE	MODEL	HEAD FINISH	TRIM FINISH	ORIFICE	THREAD	TEMP	QTY
◀	RELIABLE	R41664	EC DHSW	DH56	CHRM	CHRM	5.6K	1"	155°	12
◀	RELIABLE	R3734	DRT HSW	F32R	CHRM	CHRM	5.6K	1"	155°	18
◀	RELIABLE	R3316	SSP	FRES49	WHITE	WHITE	4.9K	1 1/2"	155°	74
⬆	RELIABLE	R3516	SSP	FRES49	WHITE	WHITE	4.9K	1 1/2"	175°	16
									TOTAL	120

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
BOB	BOTTOM OF BEAM
BOD	BOTTOM OF DECK
BOJ	BOTTOM OF JOIST
BOP	BOTTOM OF PURLIN
BOT	BOTTOM OF TRUSS
CTS	CUT TO SUIT
FO	FIELD ORDER
FOW	INSIDE FACE OF WALL
OFW	OUTSIDE FACE OF WALL
NAS	NO AUTO. SPRINKLERS
UNO	UNLESS NOTED OTHERWISE

SYMBOL LEGEND	
	CENTERLINE OF PIPE TO REFERENCE STRUCTURE IN INCHES
	2-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE
	4-WAY EARTHQUAKE SWAY BRACE LETTER INDICATES TYPE
	HANGER LOCATION
	ELEVATION ABOVE REFERENCED POINT IN FEET AND INCHES
	HYDRAULIC CALCULATION NODE
	FLEXIBLE COUPLING
	RIGID COUPLING

[illegible]

CONTRACT WITH

**RUSH COMMERCIAL
CONSTRUCTION INC.**

411 1ST AVE S
SUITE #650
SEATTLE, WA 98104
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SUPERINTENDENT :
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FAX :



CERTIFICATE OF COMPETENCY STAMP

KEY PLANS